ELSEVIER

Hearing Research 121 (1998) 171–172

HEARING RESEARCH

Author Index Volume 121

Abdala, C.,
A developmental study of distortion product otoacoustic emission (2f1-f2) suppression in humans (121) 125
Anken, R.H., Werner, K., Ibsch, M. and Rahmann, H.
Fish inner ear otolith size and bilateral asymmetry during development (121) 77

Banssillon, V., see Ferber-Viart, C. (121) 53
Bernard, C., see Rossi, M.L. (121) 99
Bobbin, R.P., see Parker, M.S. (121) 62
Boettcher, F.A., Caldwell, R.K., Gratton, M.A., White, D.R. and Miles, L.R.
Effects of nimodipine on noise-induced hearing loss (121) 139

Caldwell, R.K., see Boettcher, F.A. (121) 139
Campbell, J.M., see Parker, M.S. (121) 62
Colbert, S., see Jones, S.M. (121) 161
Collet, L., see Khalfa, S. (121) 29
Collet, L., see Morand, N. (121) 71
Cosgrove, D., Samuelson, G., Meehan, D.T., Miller, C., McGee, J., Walsh, E.J. and Siegel, M.
Ultrastructural, physiological, and molecular defects in the inner ear of a gene-knockout mouse model for autosomal Alport syndrome (121) 84

Deininger, P.L., see Parker, M.S. (121) 62
Dörrscheidt, G.J., see Konrad-Martin, D.L. (121) 35
Dubreuil, C., see Ferber-Viart, C. (121) 53
Duclaux, R., see Ferber-Viart, C. (121) 53

Evans, M.S., see Li, Y. (121) 1

Faingold, C.L., see Li, Y. (121) 1
Ferber-Viart, C., Preckel, M.P., Dubreuil, C., Banssillon, V. and Duclaux, R.
Effect of anesthesia on transient evoked otoacoustic emissions in humans: a comparison between propofol and isoflurane (121) 53
Ferrary, E., see Rossi, M.L. (121) 99
Fesce, R., see Rossi, M.L. (121) 99
Fischer, F.P.,
Hair cell morphology and innervation in the basilar papilla of the emu (*Dromaius novaehollandiae*) (121) 112

Gagnieu, M.C., see Morand, N. (121) 71
Gratton, M.A., see Boettcher, F.A. (121) 139

Hartmann, R., see Kral, A. (121) 11
He, J.,
Long-latency neurons in auditory cortex involved in temporal integration: theoretical analysis of experimental data (121) 147

Ibsch, M., see Anken, R.H. (121) 77

Jones, S.M., Ryals, B.M. and Colbert, S.
Vestibular function in Belgian Waterslager canaries (*Serinus canarius*) (121) 161

Khalfa, S., Micheyl, C., Veuillet, E. and Collet, L.
Peripheral auditory lateralization assessment using TEOAEs (121) 29
Kimura, H., see Kitano, H. (121) 109
Kitajima, K., see Kitano, H. (121) 109
Kitanishi, T., see Kitano, H. (121) 109
Kitano, H., Takeda, T., Suzuki, M., Kitanishi, T., Yazawa, Y., Kitajima, K., Kimura, H. and Tooyama, I.
Presence of mRNA for vasoactive intestinal polypeptide (VIP) and its receptor in the rat inner ear (121) 109
Klinke, R., see Kral, A. (121) 11
Konrad-Martin, D.L., Rübsamen, R., Dörrscheidt, G.J. and Rubel, E.W.
Development of single- and two-tone responses of anteroventral cochlear nucleus neurons in gerbil (121) 35
Kral, A., Hartmann, R., Mortazavi, D. and Klinke, R.
Spatial resolution of cochlear implants: the electrical field and excitation of auditory afferents (121) 11

Larroque, M.L., see Parker, M.S. (121) 62
Lemoine, P., see Morand, N. (121) 71
Li, Y., Evans, M.S. and Faingold, C.L.
In vitro electrophysiology of neurons in subnuclei of rat inferior colliculus (121) 1

Martini, M., see Rossi, M.L. (121) 99
McGee, J., see Cosgrove, D. (121) 84
Meehan, D.T., see Cosgrove, D. (121) 84
Micheyl, C., see Khalfa, S. (121) 29
Miles, L.R., see Boettcher, F.A. (121) 139
Miller, C., see Cosgrove, D. (121) 84
Morand, N., Veuillet, E., Gagnieu, M.C., Lemoine, P. and Collet, L.
Benzodiazepines alter cochleo-cochlear loop in humans (121) 71
Mortazavi, D., see Kral, A. (121) 11

Parker, M.S., Larroque, M.L., Campbell, J.M., Bobbin, R.P. and Deininger, P.L.
Novel variant of the P2X2 ATP receptor from the guinea pig organ of Corti (121) 62
Pelucchi, B., see Rossi, M.L. (121) 99
Preckel, M.P., see Ferber-Viart, C. (121) 53

Rahmann, H., see Anken, R.H. (121) 77
Rossi, M.L., Ferrary, E., Martini, M., Pelucchi, B., Bernard, C., Teixeira, M., Sterkers, O., Rubbini, G. and Fesce, R.
The effects of perilymphatic tonicity on endolymph composition and synaptic activity at the frog semicircular canal (121) 99
Rübsamen, R., see Konrad-Martin, D.L. (121) 35
Rubbini, G., see Rossi, M.L. (121) 99

Rubel, E.W., see Konrad-Martin, D.L. (121) 35
Ryals, B.M., see Jones, S.M. (121) 161

Samuelson, G., see Cosgrove, D. (121) 84
Siegel, M., see Cosgrove, D. (121) 84
Sterkers, O., see Rossi, M.L. (121) 99
Suzuki, M., see Kitano, H. (121) 109

Takeda, T., see Kitano, H. (121) 109
Teixeira, M., see Rossi, M.L. (121) 99
Tooyama, I., see Kitano, H. (121) 109

Veuillet, E., see Khalfa, S. (121) 29
Veuillet, E., see Morand, N. (121) 71

Walsh, E.J., see Cosgrove, D. (121) 84
Werner, K., see Anken, R.H. (121) 77
White, D.R., see Boettcher, F.A. (121) 139

Yazawa, Y., see Kitano, H. (121) 109

ELSEVIER

Hearing Research 121 (1998) 173–175

HEARING RESEARCH

Subject Index Volume 121

Afferent discharge
Frog labyrinth; Hypo- hypertonicity; Endolymph; Transepithelial potential; Synaptic transmission (Rossi, M.L. (121) 99)

Anesthesia
Otoacoustic emission; Isoflurane; Propofol; Blood pressure (Ferber-Viart, C. (121) 53)

Auditory asymmetry
Medial olivocochlear system; TEOAE (Khalfa, S. (121) 29)

Auditory model
Dorsal zone; Temporal integration; Time window; One-layer perceptron; Time axis representation (He, J. (121) 147)

Auditory single fiber
Cochlear implant; Electrical stimulation; Spatial resolution; Lateral inhibition (Kral, A. (121) 11)

Auditory system
Inferior colliculus; Central nucleus; Spike firing; Epilepsy (Li, Y. (121) 1)

Basement membrane
Collagen; Stria vascularis; Cochlea; Pathology (Cosgrove, D. (121) 84)

Bird
Emu; Cochlea; Hair cell; Innervation; Evolution (Fischer, F.P. (121) 112)

Saccule; Linear jerk; Linear acceleration; Vestibular evoked potential; Vestibular system; Scanning electron microscopy (Jones, S.M. (121) 161)

Blood pressure
Otoacoustic emission; Anesthesia; Isoflurane; Propofol (Ferber-Viart, C. (121) 53)

Calcium channel blocker
Gerbil; Nimodipine; Noise-induced hearing loss (Boettcher, F.A. (121) 139)

Central nucleus
Inferior colliculus; Auditory system; Spike firing; Epilepsy (Li, Y. (121) 1)

Cochlea
Collagen; Stria vascularis; Basement membrane; Pathology (Cosgrove, D. (121) 84)

Bird; Emu; Hair cell; Innervation; Evolution (Fischer, F.P. (121) 112)

Electrical stimulation; Auditory single fiber; Spatial resolution; Lateral inhibition (Kral, A. (121) 11)

Cochlear nuclear complex
Development; Two-tone suppression (Konrad-Martin, D.L. (121) 35)

Collagen
Stria vascularis; Basement membrane; Cochlea; Pathology (Cosgrove, D. (121) 84)

Development
Cochlear nuclear complex; Two-tone suppression (Konrad-Martin, D.L. (121) 35)

Distortion product
Otoacoustic emission; Suppression; Tuning (Abdala, C. (121) 125)

cDNA
In situ hybridization; Sequence; mRNA; Splice variant; Guinea pig (Parker, M.S. (121) 62)

Dorsal zone
Auditory model; Temporal integration; Time window; One-layer perceptron; Time axis representation (He, J. (121) 147)

Electrical stimulation
Cochlear implant; Auditory single fiber; Spatial resolution; Lateral inhibition (Kral, A. (121) 11)

Emu
Bird; Cochlea; Hair cell; Innervation; Evolution (Fischer, F.P. (121) 112)

Endolymph
Frog labyrinth; Hypo- hypertonicity; Transepithelial potential; Synaptic transmission; Afferent discharge (Rossi, M.L. (121) 99)

Reverse transcription-polymerase chain reaction; Vasoactive intestinal polypeptide; Vasoactive intestinal polypeptide receptor; Meniere's disease (Kitano, H. (121) 109)

Epilepsy
Inferior colliculus; Auditory system; Central nucleus; Spike firing (Li, Y. (121) 1)

Evolution
Bird; Emu; Cochlea; Hair cell; Innervation (Fischer, F.P. (121) 112)

Frog labyrinth
Hypo- hypertonicity; Endolymph; Transepithelial potential; Synaptic transmission; Afferent discharge (Rossi, M.L. (121) 99)

Gamma-aminobutyric acid
Outer hair cell; Olivocochlear efferent system; Otoacoustic emission (Morand, N. (121) 71)

Gerbil
Calcium channel blocker; Nimodipine; Noise-induced hearing loss (Boettcher, F.A. (121) 139)

Guinea pig
In situ hybridization; Sequence; mRNA; cDNA; Splice variant (Parker, M.S. (121) 62)

Hair cell
Bird; Emu; Cochlea; Innervation; Evolution (Fischer, F.P. (121) 112)

Hypo-hypertonicity
Frog labyrinth; Endolymph; Transepithelial potential; Synaptic transmission; Afferent discharge (Rossi, M.L. (121) 99)

In situ hybridization
Sequence; mRNA; cDNA; Splice variant; Guinea pig (Parker, M.S. (121) 62)

Inferior colliculus
Auditory system; Central nucleus; Spike firing; Epilepsy (Li, Y. (121) 1)

Innervation
Bird; Emu; Cochlea; Hair cell; Evolution (Fischer, F.P. (121) 112)

Isoflurane
Otoacoustic emission; Anesthesia; Propofol; Blood pressure (Ferber-Viart, C. (121) 53)

Lapillus
Maximum radius; Sagitta; Utriculus; Sacculus (Anken, R.H. (121) 77)

Lateral inhibition
Cochlear implant; Electrical stimulation; Auditory single fiber; Spatial resolution (Kral, A. (121) 11)

Linear acceleration
Bird; Saccule; Linear jerk; Vestibular evoked potential; Vestibular system; Scanning electron microscopy (Jones, S.M. (121) 161)

Linear jerk
Bird; Saccule; Linear acceleration; Vestibular evoked potential; Vestibular system; Scanning electron microscopy (Jones, S.M. (121) 161)

Maximum radius
Sagitta; Lapillus; Utriculus; Sacculus (Anken, R.H. (121) 77)

Medial olivocochlear system
Auditory asymmetry; TEOAE (Khalfa, S. (121) 29)

Meniere's disease
Reverse transcription-polymerase chain reaction; Vasoactive intestinal polypeptide; Vasoactive intestinal polypeptide receptor; Endolymphatic hydrops (Kitano, H. (121) 109)

Nimodipine
Calcium channel blocker; Gerbil; Noise-induced hearing loss (Boettcher, F.A. (121) 139)

Noise-induced hearing loss
Calcium channel blocker; Gerbil; Nimodipine (Boettcher, F.A. (121) 139)

Olivocochlear efferent system
Gamma-aminobutyric acid; Outer hair cell; Otoacoustic emission (Morand, N. (121) 71)

One-layer perceptron
Auditory model; Dorsal zone; Temporal integration; Time window; Time axis representation (He, J. (121) 147)

Otoacoustic emission
Anesthesia; Isoflurane; Propofol; Blood pressure (Ferber-Viart, C. (121) 53)

Gamma-aminobutyric acid; Outer hair cell; Olivocochlear efferent system (Morand, N. (121) 71)

Distortion product; Suppression; Tuning (Abdala, C. (121) 125)

Outer hair cell
Gamma-aminobutyric acid; Olivocochlear efferent system; Otoacoustic emission (Morand, N. (121) 71)

Pathology
Collagen; Stria vascularis; Basement membrane; Cochlea (Cosgrove, D. (121) 84)

Propofol
Otoacoustic emission; Anesthesia; Isoflurane; Blood pressure (Ferber-Viart, C. (121) 53)

Reverse transcription-polymerase chain reaction
Vasoactive intestinal polypeptide; Vasoactive intestinal polypeptide receptor; Meniere's disease; Endolymphatic hydrops (Kitano, H. (121) 109)

mRNA
In situ hybridization; Sequence; cDNA; Splice variant; Guinea pig (Parker, M.S. (121) 62)

Saccule
Bird; Linear jerk; Linear acceleration; Vestibular evoked potential; Vestibular system; Scanning electron microscopy (Jones, S.M. (121) 161)

Sacculus
Maximum radius; Sagitta; Lapillus; Utriculus (Anken, R.H. (121) 77)

Sagitta
Maximum radius; Lapillus; Utriculus; Sacculus (Anken, R.H. (121) 77)

Scanning electron microscopy
Bird; Saccule; Linear jerk; Linear acceleration; Vestibular evoked potential; Vestibular system (Jones, S.M. (121) 161)

Sequence
In situ hybridization; mRNA; cDNA; Splice variant; Guinea pig (Parker, M.S. (121) 62)

Spatial resolution
Cochlear implant; Electrical stimulation; Auditory single fiber; Lateral inhibition (Kral, A. (121) 11)

Spike firing
Inferior colliculus; Auditory system; Central nucleus; Epilepsy (Li, Y. (121) 1)

Splice variant
In situ hybridization; Sequence; mRNA; cDNA; Guinea pig (Parker, M.S. (121) 62)

Stria vascularis
Collagen; Basement membrane; Cochlea; Pathology (Cosgrove, D. (121) 84)

Suppression
Otoacoustic emission; Distortion product; Tuning (Abdala, C. (121) 125)

Synaptic transmission
Frog labyrinth; Hypo- hypertonicity; Endolymph; Transepithelial potential; Afferent discharge (Rossi, M.L. (121) 99)

Temporal integration
Auditory model; Dorsal zone; Time window; One-layer perceptron; Time axis representation (He, J. (121) 147)

TEOAE
Auditory asymmetry; Medial olivocochlear system (Khalfa, S. (121) 29)

Time axis representation
Auditory model; Dorsal zone; Temporal integration; Time window; One-layer perceptron (He, J. (121) 147)

Time window
Auditory model; Dorsal zone; Temporal integration; One-layer perceptron; Time axis representation (He, J. (121) 147)

Transepithelial potential
Frog labyrinth; Hypo- hypertonicity; Endolymph; Synaptic transmission; Afferent discharge (Rossi, M.L. (121) 99)

Tuning
Otoacoustic emission; Distortion product; Suppression (Abdala, C. (121) 125)

Two-tone suppression
Development; Cochlear nuclear complex (Konrad-Martin, D.L. (121) 35)

Utriculus
Maximum radius; Sagitta; Lapillus; Sacculus (Anken, R.H. (121) 77)

Vasoactive intestinal polypeptide
Reverse transcription-polymerase chain reaction; Vasoactive intestinal polypeptide receptor; Meniere's disease; Endolymphatic hydrops (Kitano, H. (121) 109)

Reverse transcription-polymerase chain reaction; Vasoactive intestinal polypeptide; Meniere's disease; Endolymphatic hydrops (Kitano, H. (121) 109)

Vestibular evoked potential
Bird; Saccule; Linear jerk; Linear acceleration; Vestibular system; Scanning electron microscopy (Jones, S.M. (121) 161)

Vestibular system
Bird; Saccule; Linear jerk; Linear acceleration; Vestibular evoked potential; Scanning electron microscopy (Jones, S.M. (121) 161)